563 9231

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Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53	Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attomey, Revocation Change of Correspondence Addre Terminal Disclaimer Request for Refund CD, Number of CD(s) Remarks eclarations as requested	After Allowance Communication to a Technology Center (TC) Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Repty Brief) Proprietary Information
Firm Robert G. Hendry or Individual	Hendry	EY, OR AGENT
	RTIFICATE OF TRANSMISSION imile transmitted to the USPTO or deposited with inner for Patents, Washington, DC 20231 on the	ith the United States Postal Service with sufficient postage as

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 36 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

Date May 28, 2003

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Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Our File No. 1004-75

Applicant : Areekattuthazhayil K. Kujriakose et al

Serial No. : 09/994,640

Title HYDROGEN SENSOR USING A SOLID HYDROGEN

ION CONDUCTING ELECTROLYTE

Art Unit 3855

Examiner Max Noori

May 28, 2003

Mail Stop Reissue Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 U.S.A.

Dear Sir:

RGH/at

Further to fax correspondence between the undersigned and Examiner Noori, enclosed please find the Reissue Application Declaration by the Assignee and the Reissue Application Declaration by the Inventors duly executed.

Respectfully submitted

Robert G. Hendry Registration 22927

SHAPIRO COHEN P.O. Box 3440, Stn D

Ottawa, ON KlP 6P1

P70/SB/52 (02:01)
Approved for use through 01/31/2004, OMB 0851-0933
U.S. Patent and Trademark Officet U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no gersons are required to respond to a collection of information unless it displays a valid DMB control number. Docket Number (optional) ... -REISSUE APPLICATION DECLARATION BY THE ASSIGNEE ~1004-75 I hereby declare that My residence and mailing address and citizenship are stated below next to my name.

Her Majesty in Right of Canada:

According to act on behalf of the following assignee:

Assignee:

Assigneed to act on behalf of the following assignee:

Assigneed to act on behalf of the following assignee:

Assigneed to act on behalf of the following assignee: Natural Resources and the title of my position with sald assignee is: DiRector Maragement Services Division The entire title to the patent identified below is vested in said assignee. Name of Patentee(s): Her Majesty in Right of Canada as Represented by the Minister of Natural Resources Patent Number Date of Patent Issued 6,073,478 June 13, 2000 HYDROGEN SENSOR USING A SOLID HYDROGEN ION CONDUCTING ELECTROYTE I believe said patentee(s) to be the original, first and sole/joint inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled HYDROGEN SENSOR USING A SOLID HYDROGEN ION CONDUCTING ELECTROLYTE the specification of which is attached hereto. was filed on November 28,200 as reissue application number 0. Nov 28, 2001 and Sept 30, 2002 (If applicable) I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56. I verily believe the original patent to be wholly or partly inoperative or Invalid, for the reasons described below. (Check all boxes that apply.) by reason of a defective specification or drawing. by reason of the patentee claiming more or less than he had the right to claim in the patent. by reason of other errors. At least one error upon which reissue is based is described as follows: Claim I was unintentionally too narrow by specifying only platinum. The disclosure refers to a noble metal, and therefore claims 1, 12 and 13 have been amended to claim a catalylic noble metal. [Attach additional sheets, if needed.] All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. [Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.5 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. OO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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I hereby appoint the following attomey(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith. Name(s) Robert A. Wilkes Robert A. Wilkes Robert G. Hendry 22927 Harold C. Baker 19333 Correspondence Address: Direct all communications about the application to: Customer Number Type Customer Number Here OR Firm or Vindividual Shapiro Cohen Address P.O. Box 3440 Address Station D City Country Canada Telephone 613 232 5300 Fax 613 232 9231 hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by the and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may eopardize the validity of the application, any patent issuing thereon, or any patent to which this factaration is directed. Full name of person signing (given name, family name) Consider Halling for Canada as Citizenship Canadian Residence/Mailing Address So Booth Street, 16th Floor, Ottawa, Ontario, Canada, KIA 0E4 Residence/Mailing Address So Booth Street, 19th Floor, Ottawa, Ontario, Canada, KIA 0E4	er the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information REISSUE APPLICATION DECLARATION BY THE ASSIGNEE					Docket Number (Optional) 1004-75			
Robert G. Hendry Harold C. Baker 19333 Correspondence Address: Direct all communications about the application to: Customer Number Type Customer Number Here OR Type Customer Number Here OR Shapiro Cohen Address P.O. Box 3440 Address Station D City Ottawa State ON Tip KIP 6P1 Country Canada Telephone 613 232 5300 Fax 613 232 9231 hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by the end imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may eopardize the validity of the application, any patent issuing thereon, or any patent to which this factaration is directed. Full name of person signing (given name, family name) Tennifer Hallington Date Jennifer Hallington Canada, KIA 0E4 Patentee Her Majesty in Right of Canada as Citizenship epresented by the Minister of Natural Resources Canadian Residence/Mailing Address Canadian Citizenship	Name(s)	ne Unite	d States Patent and Trademark (Rogi:	Office co Stration N	nnecte	ic analianti			
Correspondence Address: Direct all communications about the application to: Customer Number Type Customer Number Here OR Type Customer Number Here Firm or Individual Shapiro Cohen Address P.O. Box 3440 Address Station D City Ottawa State ON Zip KIP 6P1 Country Canada Telephone 613 232 5300 Fax 613 232 9231 hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by ine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may expandize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed. Full name of person signing (given name, family name) Jennifer Hallington Date Jennifer Majesty in Right of Canada as Citizenship Canadian Residence/Mailing Address S80 Booth Street, 19th Floor, Ottawa, Ontario, Canada, KIA 0E4 Patentee Citizenship Citizenship	Robert G.	Hendry	-	•		······································			
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REISSUE APPLICATION DECLARATION BY THE INVENTOR	Docket Number (Options!) 1004-75
As a below named inventor, I hereby declare that: My residence, mailing address and citizenship are stated below ne I believe I am the original, first and sole inventor (if only one name joint inventor (if plural names are listed below) of the subject matte in patent number 6,073,478 granted June 13, 20 reissue patent is sought on the invention entitled Hydrogen Sen Ion Conducting Electrolyte the specification of which Lambda Was filed on November 28,2001 as reissue application number was amended on Nov 28, 2001 and Sept 30, 20	ext to my name. is listed below) or an original, first and r which is described and daimed 100, and for which a usor Using a Solid Hydrogen
(If applicable) I have reviewed and understand the contents of the above identified as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to a 37 CFR 1.56. I verily believe the original patent to be wholly or partly inoperative obelow. (Check all boxes that apply.)	d specification, including the claims, patentability as defined in
by reason of a defective specification or drawing.	
by reason of the patentee claiming more or less than he had th	e right to claim in the patent.
by reason of other errors. At least one error upon which reissue is based is described below. If	
reissue, such must be stated with an explanation as to the nature of	the telesue is a broadening the broadening:
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[Page 1 of 2]

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Wilkes

Robert G. Hendry

Customer Number

Harold C Baker

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All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

Registration Number 28170

22927

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Type Customer Number here

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Correspondence Address: Direct all communications about the application to:

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Name(s)

Robert

	Individual Name	Shapiro Cohen			-					
	Address	P.O. Box 3440								
	Address	Station D								
	City	Ottawa	State	ON	Zip	KlP	6P1			
	Country	Canada			1-2-6		<u> </u>			
	Telephone	613 232 5300	Fax	Fax 613 232 9231						
ņ	I hereby declare that all statements made herein of my own knowledge are true and that all statements made on Information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed. Full name of sole or first inventor (given name, family name) Areekattuthazhayil K. Kuriakose									
\times	Inventor's signature	A.10. marco Date May 22 2005								
(Residence 2 Mui	rfield Gardens	Citizenship							
	Mailing Address 2 Muirfield Gardens, Nepean, Ontario, Canada, K2R 1B8									
	Full name of second joint inventor (given name, family name) Nicola Maffei									
	Inventor's signature	M. Malli Date 23 May 2003								
	Residence 19	Inverness Avenue	Citizenship	Canadi						
	Mailing Address 19 Inverness Avenue, Nepean, Ontario, Canada, K2E 6N6									
	Full name of third join	t inventor (given name, family na	me)	man, Kap	ONO		\neg			
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[Page 2 of 2]

Additional joint inventors are named on separately numbered sheets attached hereto.